

JAN 18 2008

App. No. 10/522,887  
Office Action Dated September 18, 2007

**Amendments to the Specification:**

Please replace the abstract with the following:

The present invention relates to the induction of the endogenous MnSOD expression in the chloroplast which scavenges reactive oxygen species in the plant cells and provides the means of cultivating crops in areas where it would not otherwise grow normally on account of environmental stress conditions inclusive of high and low temperatures, drought and ultra violet light, and resistance to herbicides so as to increase yield and improve crop quality.

Please insert the following paragraph on page 7, line 6 of the specification

**Brief Description of the Drawings**

Figure 1a shows levels of SOD activity in TP309, Salween 2 and Godawari 8.

Figure 1b shows levels of catalase activity in TP309, Salween 2 and Godawari 8.

Figure 1c shows chlorophyll fluorescence in TP309, Salween 2 and Godawari 8.

Figure 2a shows cell viability in stress environment after 8 and 12 hours.

Figure 2b shows root length growth assay under stress conditions.

Figure 3a shows a transgenic plant.

Figure 3b shows a Northern blot analysis of the transgenic plant

Figure 3c shows immunolocalization studies of the native engineered protein in chloroplast.